

**U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT**

I. HEADING

Date: February 9, 1999

Subject: Meadowlands Plating and Finishing Site
East Rutherford, Bergen County, New Jersey

From: Paul L. Kahn, OSC
U.S. EPA, Region II
Response and Prevention Branch

To: B. Sprague, 2 ERR-RPB J. Smolenski, NJDEP
J. Higgins, 2 ERR-RPB T. Johnson, EPA HDQTS
J. Witkowski, 2 ERR-RPB Lt. S. Linsky, USCG
B. Bellow, 2 EPA-CD C. Kelley, START
R. Byrnes, EPA-201 D. Monks, ERFD
R. Cahill, 2 EPA-CD J. Cassella, ER Mayor
D. Karlen, 2 ORC- NJSFB G. Ponto, ESQ.
D. Cristiano, 2 ORC-NJSFB

POLREP No. 7

II. BACKGROUND

| | |
|-----------------------------|-------------------|
| Site No.: | L W |
| Delivery Order No.: | 2101-02-033 |
| Response Authority: | CERCLA |
| ERNS No.: | N/A |
| CERCLIS No.: | N/A |
| NPL Status: | Non-NPL |
| Action Memo Status: | Approved 11/19/98 |
| Start Date: | 12/8/98 |
| Demobilization Date: | N/A |
| Completion Date: | N/A |

III. SITE INFORMATION

A. Incident Category

CERCLA incident category: Inactive Production Facility

B. Situation

1. Site Description/ Information:

MPF, Inc. operated a metal electroplating and metal finishing facility for the tool and decorative automotive parts industry. Operations at the Site included pretreatment by acid and caustic dipping, finish stripping, vapor degreasing, and electroplating of chromium, copper, nickel and cadmium metals. Acids, metallic plating wastes and cyanide-bearing wastes were generated and treated in a small on-site facility. MPF, Inc. leased the building and the plating equipment and ceased business operations at the Site in December 1997.

2. Response Actions to Date:

- A. EPA and START performed a site investigation on 9/11/98 through 9/17/98. Access granted to EPA by Federal Bankruptcy Trustee on 11/18/98.
- B. Full mobilization to the Site occurred between 12/8/-12/11/98.
- C. From 12/14-12/18/98 Site activities included setup, debris removal and establishing command post functions. Cyanides have been overpacked and restaged away from acids. Drums from trailer have been off-loaded and staged.
- D. Fencing around exterior of building as well as around interior vats has been secured. Drums from trailer have been restaged in order to create more floor space.
- E. Mobilization to Site after the holidays took place on 1/4/99. Drums were restaged according to hazard class. Four propane gas cylinders were reclaimed by distributor and removed from Site. Chemicals from laboratory have been segregated according to hazard. Metal vats debris from roll-off was staged inside of building for decontamination. New roll-off arrived on Site for non-hazardous trash and debris.

- F. Eleven gas cylinders were reclaimed by distributor for recycling and removed from Site. Three solid cyanide drums was sampled for analysis by chemical manufacturer for possible reclamation. Collection of samples from staged drums and vats began.
- G. Site stabilization and removal activities in full progress. Pretreatment areas being evaluated to determine if equipment can be used to treat hazardous waste streams. Discussions in progress to decided most practical means of removing intact plating tanks to gain access to subfloor sumps.
- H. Field characterization underway to determine compatibility schemes. Three oxygen cylinders were reclaimed by distributor for recycling and removed from Site. Heating units repaired for use in work areas. Solid Cyanide reclaiming finalized with distributor. Additional hazardous waste roll-offs arrived on Site for loading of sludge and debris. Non-hazardous waste roll-off containing clean and cut drums removed from Site.
- I. Approximately three hazardous waste roll-offs arrived on Site, used to redistribute debris from overloaded, existing roll-offs. Existing roll-offs are being dewatered prior to transferring contents to new roll-off. After being emptied and deconed, existing roll-off will be picked up by owner.

Overhead exhaust ducts from plating line were cut off, removed and deconed in preparation for lifting plating tanks from the foundation. Arrangements finalized by START with DeGussa manufacturer of the sodium cyanide, to have approximately 700 pounds shipped back to Alabama for re-use. Six tons of plating sludge transferred from supersacks to roll-off. Samples taken from drum and vats to be sent out for analysis.

3. Current Situation:

Continue to remove overhead exhaust recovery system over sumps. Bulking of hydroxide sludge into roll-offs, 58 drums bulked. Dewatering of roll-off continues with water being pumped into sumps. Industrial pool arrived on Site for housing on-site wastewater treatment.

4. Next Steps:

Laboratory results from drum and composite samples sent out late last week due. Assembly of industrial pool for on-site wastewater. Shipping of solid cyanide drums back to manufacturer. Awaiting RCRA

compliance information for the removal/disposal of 37 drums. All provisions of EPA's Off-Site Disposal Rule will be followed by PRP with EPA oversight.

5. Key Issues:

PRP search activities, Removal of solid cyanide drums from Site.

6. Disposition of Wastes:

See attached Disposition of Waste Table.

IV. COST INFORMATION

| | Current Ceiling Cost | Current Action Remaining | Current Amount |
|--------------------|-------------------------|-----------------------------|----------------|
| ERRS Contractor | \$500,000 | \$100,000.18 | \$58,999 |
| START | \$40,000 | | |
| USCG | \$130,000 | | |
| EPA | \$65,000 | | |

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for recovery.

Date: 2-16-99

Paul L. Kahn, OSC

Meadowlands Plating and Finishing Facility, East Rutherford, NJ
Disposition of Wastes Table

| Load No. | Date | Manifest # | Waste Stream | Quantity | Total Quan. | Wt. Unit | Transporter | Designated Facility | Treatment |
|----------|----------|------------|-------------------|-------------|-------------|----------|--------------------|---------------------------------|-----------|
| 1 | 01/01/99 | N/A | Propane | 4 Cylinders | 100 | lbs. | AGL Welding Supply | AGL Welding Supply, Clifton, NJ | Recycle |
| 2 | 01/11/99 | N/A | Acetylene | 6 Cylinders | 100 | lbs. | CGI Industries | CGI Industries, Lodi, NJ | Recycle |
| 2 | 01/11/99 | N/A | Compressed Oxygen | 4 Cylinders | 100 | lbs. | CGI Industries | CGI Industries, Lodi, NJ | Recycle |
| 2 | 01/11/99 | N/A | Carbon Dioxide | 1 Cylinder | 10 | lbs. | CGI Industries | CGI Industries, Lodi, NJ | Recycle |
| 3 | 01/21/99 | N/A | Oxygen | 3 Cylinders | 1.5 | lbs. | Zee Medical Supply | Zee Medical Supply, Clifton, NJ | Recycle |

